

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	6	(calculat\$3 near2 number near2 frames near3 transmitt\$3) and (calculat\$3 near2 number near3 frames near3 receiv\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/16 15:54
S52	6	(calculat\$3 near2 number near2 frames near3 transmitt\$3) and (calculat\$3 near2 number near3 frames near3 receiv\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/16 15:53
S50	54	S49 and ((frame near2 erasur\$3 near3 ratio) FER)	US-PGPUB; USPAT	OR	ON	2006/06/16 15:52
L2	65	L1 and ((frame near2 erasur\$3 near3 ratio) FER)	US-PGPUB; USPAT	OR	ON	2006/06/16 15:52
L1	2600	(714/704-708,748-751,774).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/16 15:51
S51	0	S50 and (calculat\$3 near2 number near2 frames near3 transmitt\$3) and (calculat\$3 near2 number near3 frames near3 receiv\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 12:13
S35	6	(calculat\$3 near2 number near2 frames near3 transmitt\$3) and (calculat\$3 near2 number near3 frames near3 receiv\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 12:13
S49	2416	(714/704-708,748-751,774).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 12:12
S25	3107	((frame near2 erasur\$3 near3 ratio) FER)	US-PGPUB; USPAT	OR	ON	2005/09/30 12:12
S37	17	(714/704-708).ccls. and S25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/30 12:11
S48	1	S47 and ("frame error ratio")	US-PGPUB; USPAT	OR	ON	2005/01/07 14:14
S47	4	("6388999" "6236647" "6151332" "6081536").pn.	US-PGPUB; USPAT	OR	ON	2005/01/07 14:14

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S46	23	S45 and number near2 frame near2 receiv\$3	US-PGPUB; USPAT	OR	ON	2005/01/07 14:10
S45	50	S44 and number near2 frame near2 transmit\$4	US-PGPUB; USPAT	OR	ON	2005/01/07 13:43
S44	1013	S43 and (bit near2 error near4 (probability ratio rate))	US-PGPUB; USPAT	OR	ON	2005/01/07 13:42
S26	654	S25 and (bit near2 error near4 (probability ratio rate))	US-PGPUB; USPAT	OR	ON	2005/01/07 13:40
S43	2047	(frame near2 (erasure error) near2 (ratio rate))	US-PGPUB; USPAT	OR	ON	2005/01/07 13:39
S42	24	(frame near2 erasur\$3 near3 ratio)	US-PGPUB; USPAT	OR	ON	2005/01/07 13:27
S41	2	"5432778".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 16:15
S40	16	"Speech Quality Measurement".ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 16:15
S39	0	"SPEECH QUALITY MEASUREMENT IN MOBILE".ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 16:03
S38	13	S37 and (bit near2 error near4 (probability ratio rate))	US-PGPUB; USPAT	OR	ON	2005/01/06 15:16
S24	20	S23 and (bit near2 error near4 (probability ratio rate))	US-PGPUB; USPAT	OR	ON	2005/01/06 15:16
S36	3	(calculat\$3 near2 number near2 frames near3 transmitt\$3 near2 receiver) and (calculat\$3 near2 number near3 frames near3 receiv\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 15:14
S34	53	(calculat\$3 near3 frames near3 transmitt\$3) and (calculat\$3 near3 frames near3 receiv\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 15:06
S33	591	(calculat\$3 near3 (frame packet data) near3 transmitt\$3) and (calculat\$3 near3 (frame packet data) near3 receiv\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 15:03

## EAST Search History

S32	8	S31 and (comfort near3 noise)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 15:01
S31	16	(US-20020119773-\$ or US-20040062274-\$ or US-20040224639-\$).did. or (US-5663807-\$ or US-5920545-\$ or US-6356750-\$ or US-6542501-\$ or US-6138020-\$ or US-6108560-\$ or US-6081732-\$ or US-6041230-\$ or US-5991716-\$ or US-6449462-\$ or US-6456627-\$ or US-6157668-\$ or US-6097957-\$).did.	US-PGPUB; USPAT	OR	ON	2005/01/06 14:19
S30	14	S29 same GSM	US-PGPUB; USPAT	OR	ON	2005/01/06 13:23
S29	20	Rx near2 QUAL	US-PGPUB; USPAT	OR	ON	2005/01/06 13:22
S28	0	"RX_QUAL_SUB" and "RX_QUAL_FULL"	US-PGPUB; USPAT	OR	ON	2005/01/06 13:21
S27	447	S25 same (bit near2 error near4 (probability ratio rate))	US-PGPUB; USPAT	OR	ON	2005/01/06 13:10
S23	24	(frame near2 erasur\$3 near3 ratio)	US-PGPUB; USPAT	OR	ON	2005/01/06 13:09
S21	13	S20 and (bit near2 error near4 (probability ratio rate))	US-PGPUB; USPAT	OR	ON	2005/01/06 13:04
S22	0	S21 and (frame near2 erasur\$3 near3 ratio)	US-PGPUB; USPAT	OR	ON	2005/01/06 13:03
S20	71	((transmitt\$3 near4 (frame packet data)) and (receiv\$3 near4 (frame packet data)))	US-PGPUB; USPAT	OR	ON	2005/01/06 13:01
S19	4	(frame near4 transmitt\$3) and (frame near4 receiv\$3)	US-PGPUB; USPAT	OR	ON	2005/01/06 12:51
S18	11	S17 and (quality (bit near3 error))	US-PGPUB; USPAT	OR	ON	2005/01/06 12:24
S17	11	(US-20020119773-\$ or US-20040062274-\$).did. or (US-5663807-\$ or US-5920545-\$ or US-6356750-\$ or US-6542501-\$ or US-6138020-\$ or US-6108560-\$ or US-6081732-\$ or US-6041230-\$ or US-5991716-\$).did.	US-PGPUB; USPAT	OR	ON	2005/01/06 12:17
S16	19	TRAU and (SID near2 frame)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 11:42

## EAST Search History

S15	0	S13 and (SID near2 frame)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 11:41
S14	0	S13 and (SID near2 frame)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 11:41
S13	156	Rasanen-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 11:41
S1	156	Rasanen-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/06 11:40
S10	57	(calculat\$3 near3 frame near3 receiv\$3) and (calculat\$3 near3 frame near3 transmit\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/30 10:33
S12	1	S11 and (data near3 miss\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/30 10:20
S11	10	S10 and (transmit\$4 near3 control near3 data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/30 10:20
S6	0	S5 and (data near3 miss\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/30 10:20
S9	0	S5 and (calculat\$3 near3 frame near3 receiv\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/30 10:19
S8	0	S5 and (calculat\$3 near3 frame near3 transmit\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/30 10:19

## EAST Search History

S7	0	S5 and (transmit\$4 near3 control near3 data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/30 10:19
S5	3	(US-5920545-\$ or US-6356750-\$ or US-5663807-\$).did.	USPAT	OR	ON	2004/12/30 10:16
S4	2	"5663807".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/30 10:13
S3	1	Heikkila-T\$.in. and TRAU	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/30 10:13
S2	26	Rasanen-Juha\$.in. and (non near2 transparent)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/30 10:07